

Subst. Form PTO-1449  APPLICANT'S(S') INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: CWR 2 0315	Serial No.: Unknown
	Applicant(s): Wernet et al.	
	Filing Date: HERewith	Group: Unassigned

## U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
AB	AA	5,701,172	Dec. 1997	Azzazy			
	AB						
	AC						
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subcl.	Translation?
	AM						
	AN						
	AO						

## OTHER ART

AB	AP	"An LDA Technique for In Situ Simultaneous Velocity and Size Measurement of Large Spherical Particles in a Two-Phase Suspension Flow" by S. L. Lee and J. Srinivasan, <u>J. Multiphase Flow</u> , Vol. 8, No. 1, pp.47-57, 1982.
AB	AQ	"Droplet sizing interferometry: a compairson of the visibility and phase/Doppler techniques" by T. A. Jackson and G. S. Samuelsen, <u>Applied Optics</u> , Vol. 26, No. 11, pp. 2137-2143, June 1987.
AB	AR	"Phase/Doppler spray analyzer for simultaneous measurements of drop size and velocity distributions" by W. D. Bachalo and M. J. Houser, <u>Optical Engineering</u> , Vol. 23, No. 5, pp. 583-590, September/October 1984.
AB	AS	"Droplet Sizing Using the Shifrin Inversion" by R. Albert and P. V. Farrell, <u>Journal of Fluids Engineering</u> , Vol. 116, pp. 357-362, June 1994.
AB	AT	"Full-field diffraction particle sizing" by M. A. Coil and P. V. Farrell, <u>Applied Optics</u> , Vol. 34, No. 33, pp. 7771-7786, 20 November 1995.

Examiner: *Anand Bhattacharya* Date Considered: *4/2/04*

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

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AB	AU	"Particle Sizing Using a Two-Dimensional Image" by P. V. Farrell, <u>SAE Paper</u> 910725, pp. 1273-1283, 1991.
AB	AV	"Development of Particle Image Velocimetry for Multiphase Flow Diagnostics" by V. Palero and P. Arroyo, <u>Journal of Visualization</u> , Vol. 1, No. 2, pp. 171-181, 1998.
AB	AW	"Particle displacement tracking technique and Cramer-Rao lower bound error in centroid estimates from CCD imagery" by Mark. P. Wernet and A. Pline, <u>Thirteenth Symposium on Turbulence</u> sponsored by University of Missouri-Rolla, September 21-23, 1992.
AB	AX	"Fundamentals of digital particle image velocimetry" by J. Westerweel, <u>Meas. Sci. Technol.</u> , V. 8, pp. 1379-1392, 1997.
AB	AY	"Glare spot image calculations for a spherical particle illuminated by a tightly focused beam" by S. A. Schaub, D. R. Alexander, and J. P. Barton, <u>J. Opt. Soc. Am.</u> , Vol. 9, No. 2, pp. 316-330, February 1992.
AB	AZ	"Glare points" by H. C. van de Hulst and R. T. Wang, <u>Applied Optics</u> , Vol. 30, No. 33, pp. 4755-4763, 20 November 1991.
AB	BA	"Non-Debye enhancements in the Mie scattering of light from a single water droplet" by James A. Lock and Judith R. Woodruff, <u>Applied Optics</u> , Vol. 28, No. 3, pp. 523-529, 1 February 1989.
AB	BB	"Observation of optical resonances of dielectric spheres by light scattering" by A. Ashkin and J. M. Dziedzic, <u>Applied Optics</u> , Vol. 20, No. 10, pp. 1803-1814, 15 May 1981.
AB	BC	"Planar Measurements of Droplet Velocities and Sizes Within a Simplex Atomizer" by D. C. Herpfer and S. Jeng, <u>AIAA Journal</u> , Vol. 35, No. 1, pp. 127-132, January 1997.
AB	BD	"Multi-Intensity-Layer PIV application to a practical burner" by N. Yamada, Y. Ikeda and T. Nakajima, <u>10th International Symposium on the Application of Laser Techniques to Fluid Mechanics</u> , paper 30.4, Lisbon, Portugal, 2000.
AB	BE	"Particle Size Determination by Fourier Transform of Scattered Light" by R. F. Crouse and P. Latimer, <u>Proc. 2nd Int. Cong. Opt. Part. Siz</u> , Tucson, Arizona, 1990.
AB	BF	"Reflectography Applied to Optical Particle Sizing: Theoretical and Experimental Approaches", <u>Proc. 2nd Int. Cong. Opt. Part. Siz</u> , Tucson, Arizona, 1990.
AB	BG	"Laser Sheet Dropsizing of dense sprays" by P. Le Gal, N. Farrugia, and D. A. Greenhalgh, <u>Optics &amp; Laser Technology</u> , V. 31, pp. 75-83, 1999.
AB	BH	"Theory of the observations made of high-order rainbows from a single water droplet" by J. A. Lock, <u>Applied Optics</u> , V. 26, No. 24, pp. 5291-5298, 15 December 1987.

Examiner:

*Anand Bhattacharjee*

Date Considered:

*4/2/04*

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